

WHAT IS CLAIMED IS:

1. A software system in cooperation with a medical device microprocessor and circuitry to provide dynamic, real time display of capacitor and energy status, the software system comprising:

a graphical user interface indicating a plurality of status parameters;  
means for initiating access to said plurality of status parameters; and  
means for manifesting said dynamic, real time display of the status.

2. The software system of claim 1 wherein said means for manifesting includes a status bar indicative of current conditions of at least one of said plurality of status parameters.

3. The software system of claim 1 wherein a cancel button is activated at the start of said means for initiating access.

4. A software system implemented in conjunction with a microprocessor circuitry of a medical device, the software system comprising:  
means for displaying a plurality of capacitor status parameters;  
means for tracking voltage/energy level at anytime during charging; and  
means for canceling a display at anytime during said charging.

5. The software system of claim 4 wherein said means for displaying includes charging circuit operation identified as normal or slow.

6. The software system of claim 4 wherein said means for tracking includes a charging status display of temporal voltage/energy level at any point during charging.

7. The software system of claim 4 wherein a capacitor charging status of a start, charging and complete condition are displayed based on the respective charging status of the capacitor.

- 5           8.       A capacitor charging display, displayable on a screen, the display comprising:  
              means for displaying capacitor charging status;  
              means for displaying starting voltage/energy;  
              means for displaying target voltage/energy;  
              means for displaying elapsed time;  
              means for displaying charging circuit condition;  
              means for canceling charging operations; and  
              means for displaying the charging progress based on voltage/energy.
- 10           9.       The display of claim 8 wherein the screen is a programmer screen.
10.       The display of claim 8 wherein the screen is a PC screen.
- 15           11.       The display of claim 9 wherein the screen is a PC screen remotely located  
             from said programmer screen.
12.       The display of claim 11 wherein said PC and programmer are connected in  
             remote data communication therewith.

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